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• EPODOC / EPO

PN - FR2591145 A 19870612

PD - 1987-06-12

PR - FR19850018377 19851210

OPD - 1985-12-10

TI - Stiffener for tubular profiles made from composite material

AB - The invention relates to a device enabling a long lightweight tube made of composite material to be longitudinally stiffened. It consists of a mould 1 having one or more longitudinal grooves 2 into which are packed glass or carbon fibres coated with a resin, as far as the surface of the mould, which resin adheres perfectly to the fibres or to the glass fabrics employed for the conventional manufacture of these tubes.

The device according to the invention is particularly intended for the rigging of sailing boats.

<IMAGE>

PA - DAVID PHILIPPE (FR)

ICO - L29C597/10

EC - B29C53/80B6 ; B29C53/82B ; B29D31/00B ; B29D31/00C2 ;
B29C70/88B

CT - CA1167676 A [X]

• WPI / DERWENT

TI - Rigidifying tube e.g. for boom for sail of composite material - by adding synthetic fibres to it in longitudinally grooved mould

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PA - (DAVI-I) DAVID P

IC - B29C53/60 ; B29C67/14 ; B29D23/00 ; B29K103/00 ; B29K105/08
; B32B1/08 ; B32B3/08 ; B32B17/04 ; B63B15/00

IN - DAVID P

AB - FR2591145 A tubular length of composite material is made rigid by adding synthetic fibres to it in a mould with longitudinal grooves. A tube made by the process is also claimed. The grooves are pref. V-shaped in cross-section, and the fibres are pref. of glass or carbon. The fibres may be coated in resin, and the tube may be of glass fibre cloth coated with resin. The mould may be a steel cylinder with two diametrically opposite grooves.

- USE - For a boom for a sail.(0/2)

OPD - 1985-12-10

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